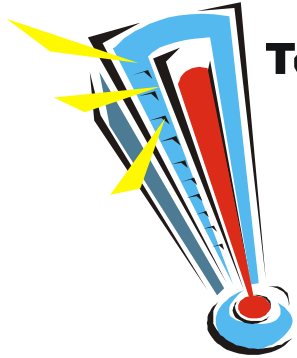


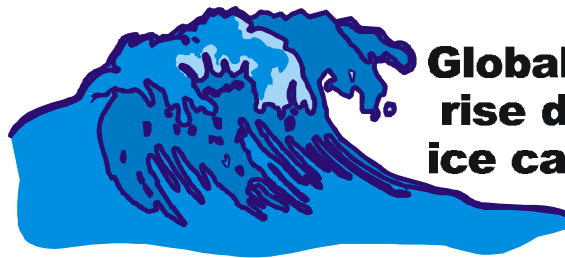
Environmental Concerns About Working Energy

Most scientists agree that using too much fossil fuel to make working energy causes global climate change and air pollution. Some possible outcomes include ...



Temperatures may rise over the next 50 years.

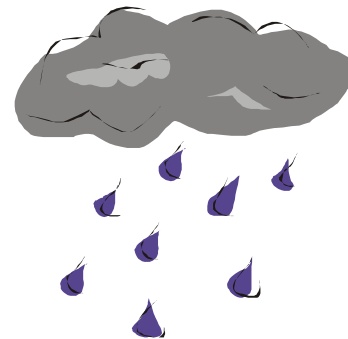
Habitats could be altered causing disease and extinction of some species.



Global sea levels could rise due to melting polar ice caps.

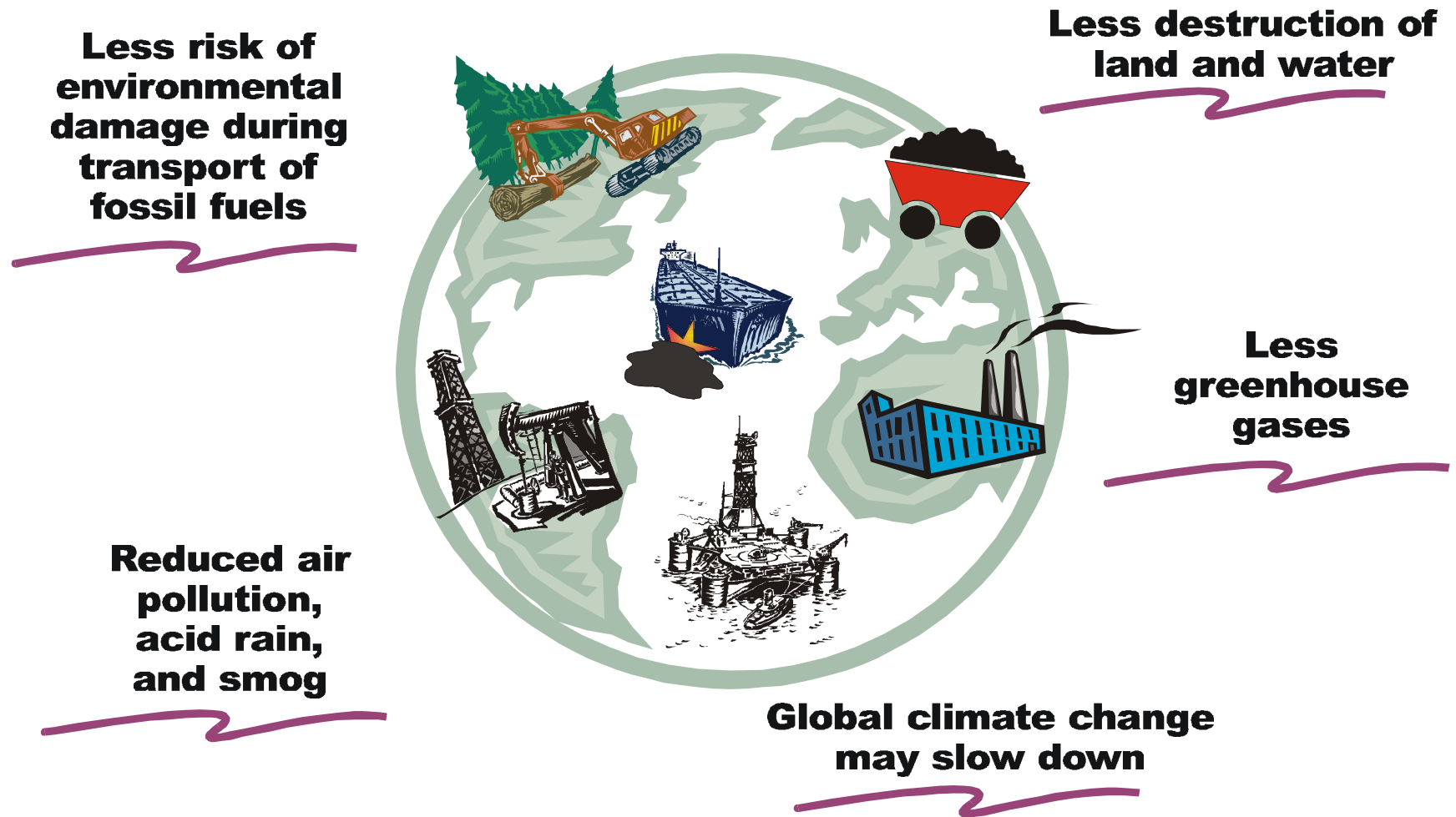


Weather patterns could be changed for the worse — torrential rains, floods, droughts.

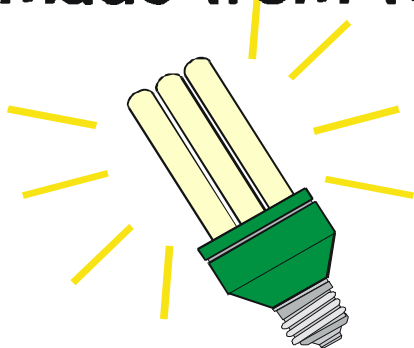


Acid rain and smog could increase.

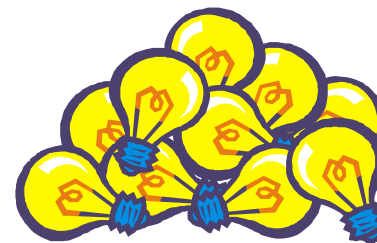
One way to help the environment is to use less energy from fossil fuels.



Energy-efficient products help the environment because they do their job with less electricity made from fossil fuels. For example . . .

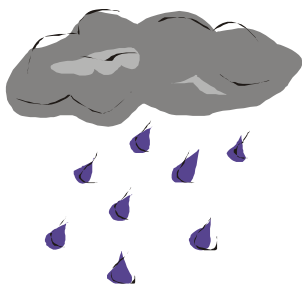


One 15 watt energy-efficient compact fluorescent light uses less energy than most light bulbs . . .



. . . and lasts as long as 10 incandescent bulbs

and saves . . .



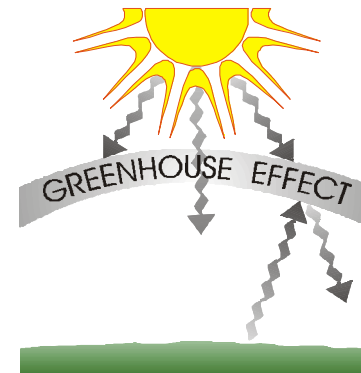
5.2 lbs. acid rain

423 lbs. of coal



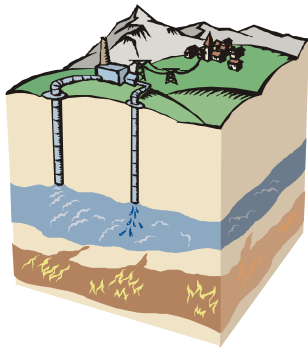
2-8 lbs. Smog

34 gallons of oil



850 lbs. of CO₂

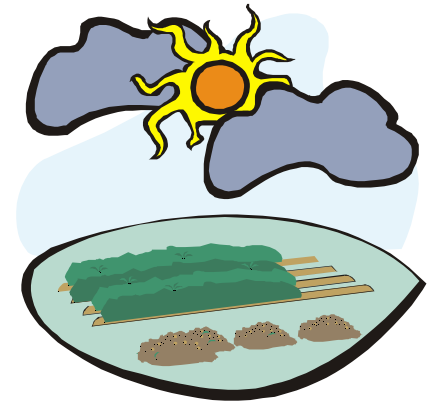
We can also help the environment by using renewable energy — or fuel sources that can be replenished by nature in a very short time. Using renewable energy sources to produce electricity creates less air pollution and environmental damage. Examples include ...



Geothermal



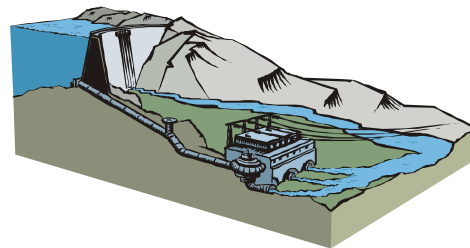
Waste to energy plants



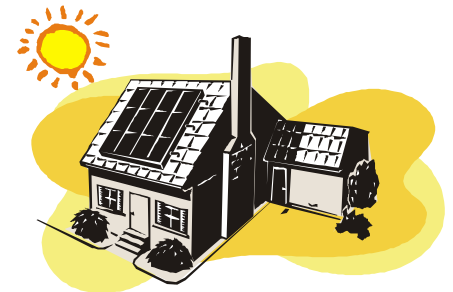
Biomass



Wind




Water

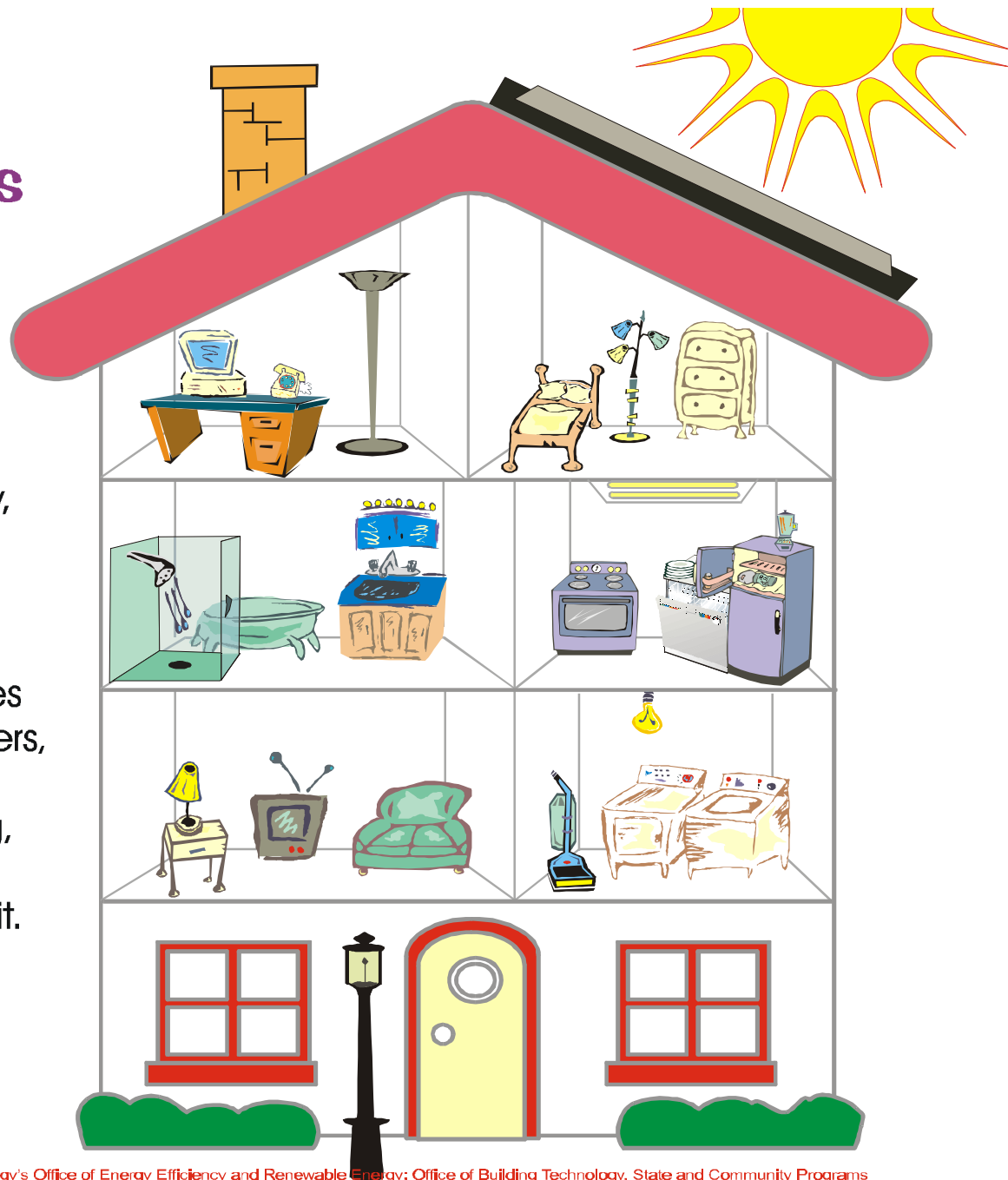


Sun

How many energy saving opportunities can you find in this picture?

You can save energy, save money, and reduce air pollution by:

- ✓ Taking showers instead of baths
- ✓ Using energy-efficient appliances (washers, refrigerators, dishwashers, computers, stereos, TVs, heating and cooling equipment, lighting, and building products, like windows) with the  label on it.
- ✓ Exploring the use of renewable energy.



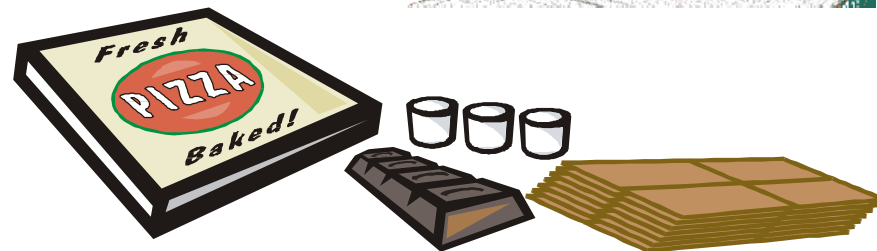
Let's do 3 activities to help us understand more about saving energy and using renewable energy.

3 coloring bookmarks



read to be informed

Roofus' Solar and Efficient Neighborhood



make s'mores in a do-it-yourself solar oven